

INTERNATIONAL SEARCH REPORT

Intern~~ational~~ Application No

PCT/FR2005/000749

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02C7/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02C A42B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 211 047 A (HEIMBERGER HERMANN) 12 October 1965 (1965-10-12)	1-3, 5-10, 16, 17, 19
Y	column 4, line 7 - line 67; figures 1, 3 -----	4, 11-15
Y	US 2 334 446 A (SERRELL FLORENCE A) 16 November 1943 (1943-11-16) page 1, column 1, line 35 - column 2, line 30 page 2, column 1, line 4 - line 6; figures 1, 2 -----	4, 11-15
X	DE 102 37 684 A1 (SPAHL, ROBERT) 4 March 2004 (2004-03-04) abstract paragraphs '0017! - '0027!; figures 1-3 ----- -/--	1-16, 18

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

18 July 2005

Date of mailing of the international search report

29/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Cohen, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR2005/000749

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2004/046927 A1 (MONTGOMERY MARK E) 11 March 2004 (2004-03-11) page 3, paragraph 47 page 4, paragraph 67; claims -----	1-19
A	FR 2 736 444 A (DELANOE CHRISTOPHE) 10 January 1997 (1997-01-10) claims -----	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR2005/000749

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3211047	A	12-10-1965	DE 1168786 B GB 945881 A	23-04-1964 08-01-1964
US 2334446	A	16-11-1943	NONE	
DE 10237684	A1	04-03-2004	NONE	
US 2004046927	A1	11-03-2004	NONE	
FR 2736444	A	10-01-1997	FR 2736444 A1	10-01-1997